Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016662.D
Acq On : 23 Apr 2015 20:53
Operator : TP/IZ
Sample : PB82956BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82956BL

Quant Time: Apr 24 02:24:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	53461	20.00	ng		0.00
21) Naphthalene-d8	10.38	136	215041	20.00	ng		0.00
38) Acenaphthene-d10	14.25	164	120594	20.00	ng		0.00
63) Phenanthrene-d10	16.99	188	281375	20.00	ng		0.00
75) Chrysene-d12	21.18	240	284770	20.00	ng		0.00
86) Perylene-d12	23.39	264	258478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	350001	106.24	ng		0.00
7) Phenol-d6	6.79	99	456618	98.80	ng		0.00
23) Nitrobenzene-d5	8.76	82	222043	65.25	ng		0.00
41) 2,4,6-Tribromophenol	15.74	330	94474	105.60	ng		0.00
44) 2-Fluorobiphenyl	12.87	172	515218	68.64	ng		0.00
78) Terphenyl-d14	19.63	244	775652	62.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	117	0.08	ng	#	1
4) n-Nitrosodimethylamine	3.26	42	56	0.05	ng	#	1
9) Benzaldehyde	6.79	77	502	0.27	ng	#	1
11) bis(2-Chloroethyl)ether	7.14	93	402	0.11	ng	#	1
15) Benzyl Alcohol	7.91	79	3409	1.18	ng	#	41
24) Nitrobenzene	8.75	77	572	0.16	ng	#	23
25) Isophorone	9.37	82	53	0.01	ng	#	59
31) Naphthalene	10.42	128	64	0.01	ng	#	68
48) Acenaphthylene	13.98	152	121	0.01	ng	#	60
51) Acenaphthene	14.25	154	379	0.05	ng	#	6
57) Fluorene	15.30	166	55	0.01	ng	#	10
62) Azobenzene	15.74	77	643	0.07	ng	#	1
70) Phenanthrene	17.04	178	340	0.02	ng	#	59
71) Anthracene	17.14	178	185	0.01	ng	#	59
72) Carbazole	17.44	167	56	0.00	ng	#	58
73) Di-n-butylphthalate	17.98	149	269	0.01	ng	#	78
74) Fluoranthene	19.07	202	311	0.02	ng		59
76) Benzidine	19.27	184	330	0.03	ng	#	65
77) Pyrene	19.43	202	332	0.02	ng	#	56
79) Butylbenzylphthalate	20.31	149	248	0.03	ng	#	51
80) Benzo(a)anthracene	21.18	228	1078	0.06	ng	#	55
82) Chrysene	21.21	228	302	0.02	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.10	149	551	0.04	ng	#	48
84) Di-n-octyl phthalate	21.95	149	652	0.03	ng	#	1
85) Indeno(1,2,3-cd)pyrene	25.65	276	384	0.02	ng	#	36
87) Benzo(b)fluoranthene	22.72	252	698	0.04	ng	#	62
88) Benzo(k)fluoranthene	22.76	252	481	0.03	ng	#	23
89) Benzo(a)pyrene	23.29	252	512	0.03	ng	#	43
90) Dibenzo(a,h)anthracene	25.65	278	56	0.00	ng	#	48
91) Benzo(g,h,i)perylene	26.30	276	125	0.01	ng	#	41

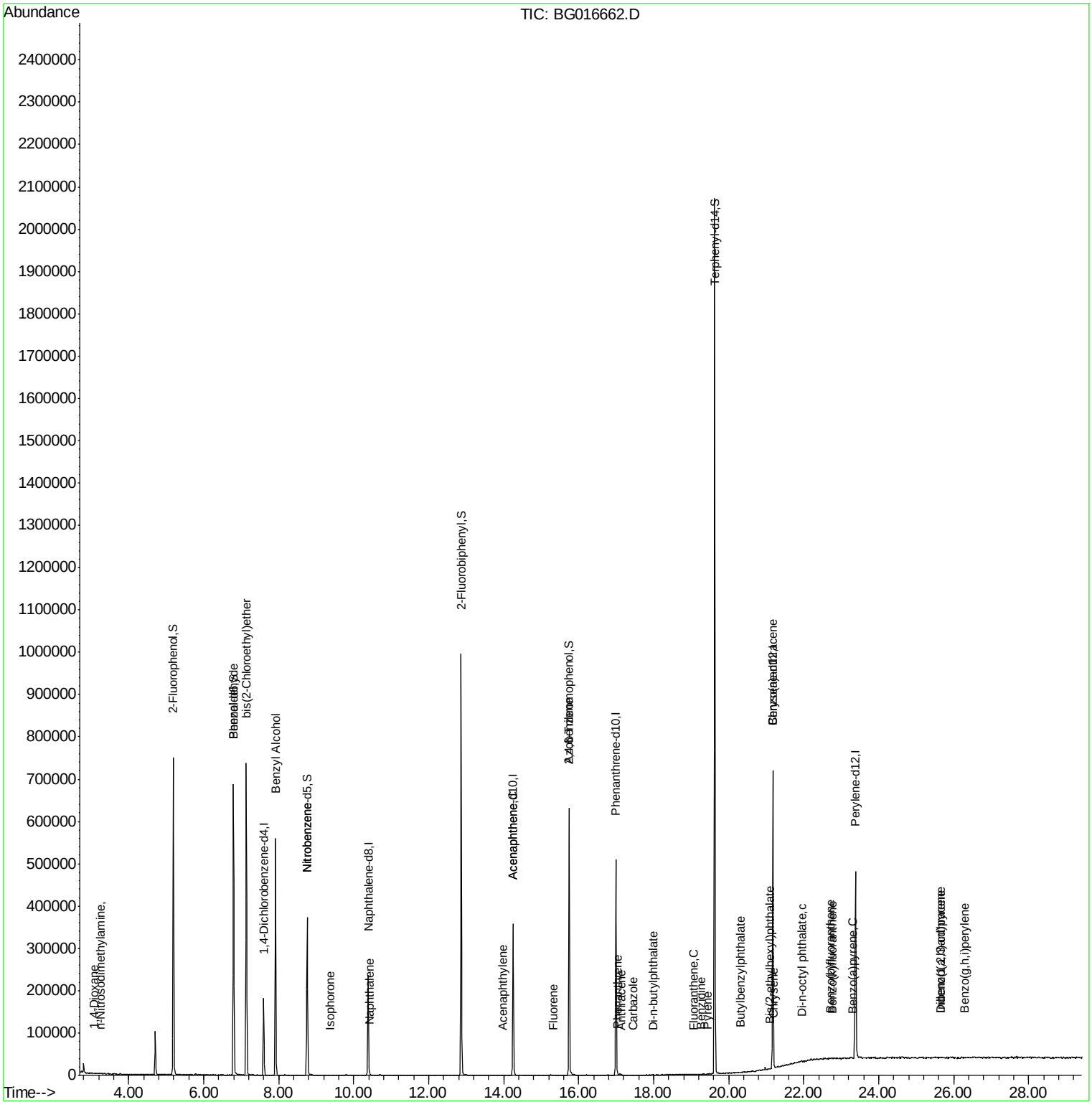
(#) = qualifier out of range (m) = manual integration (+) = signals summed

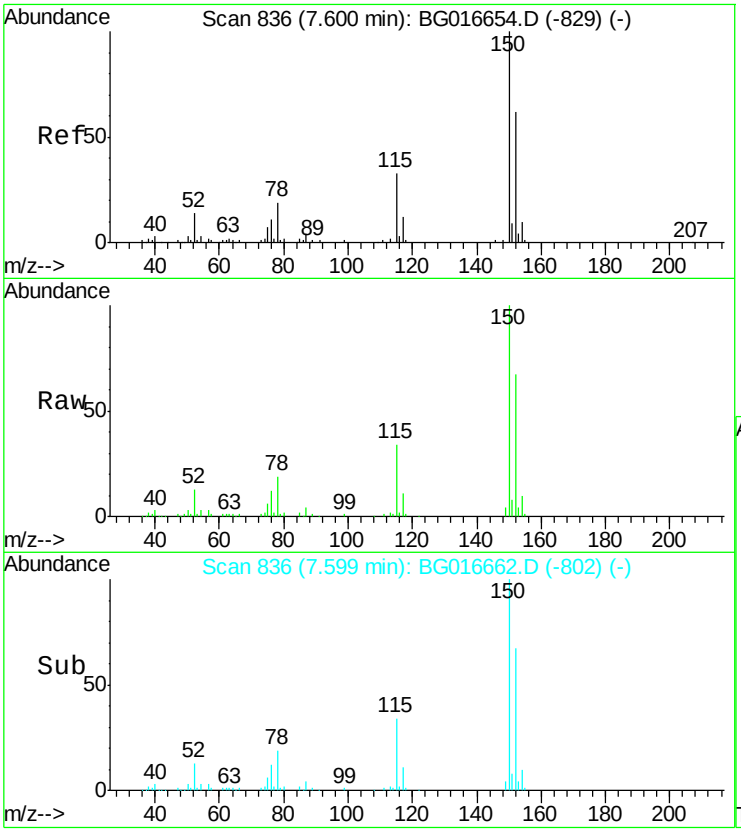
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042315\
Data File : BG016662.D
Acq On : 23 Apr 2015 20:53
Operator : TP/IZ
Sample : PB82956BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Quant Time: Apr 24 02:24:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 19:19:11 2015
Response via : Initial Calibration



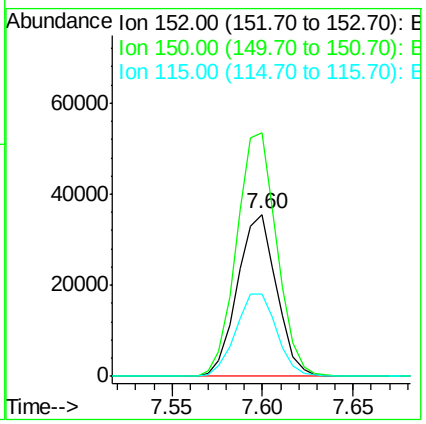


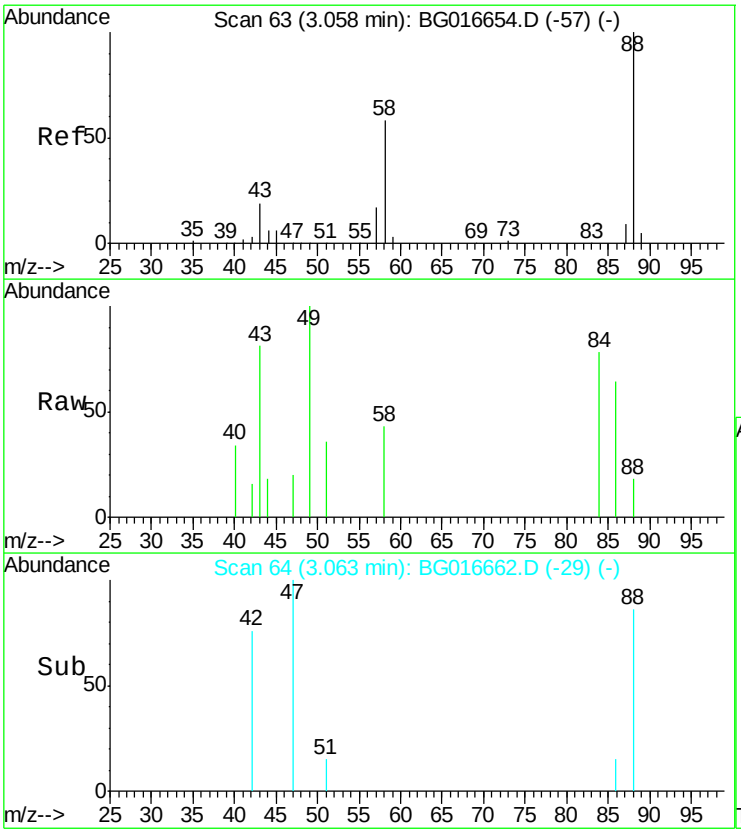
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:152 Resp: 53461

Ion	Ratio	Lower	Upper
152	100		
150	150.1	129.6	194.4
115	51.1	43.0	64.6

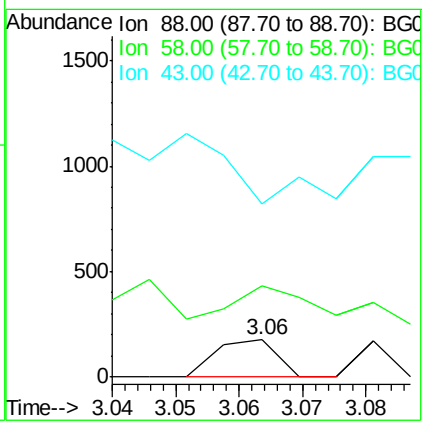


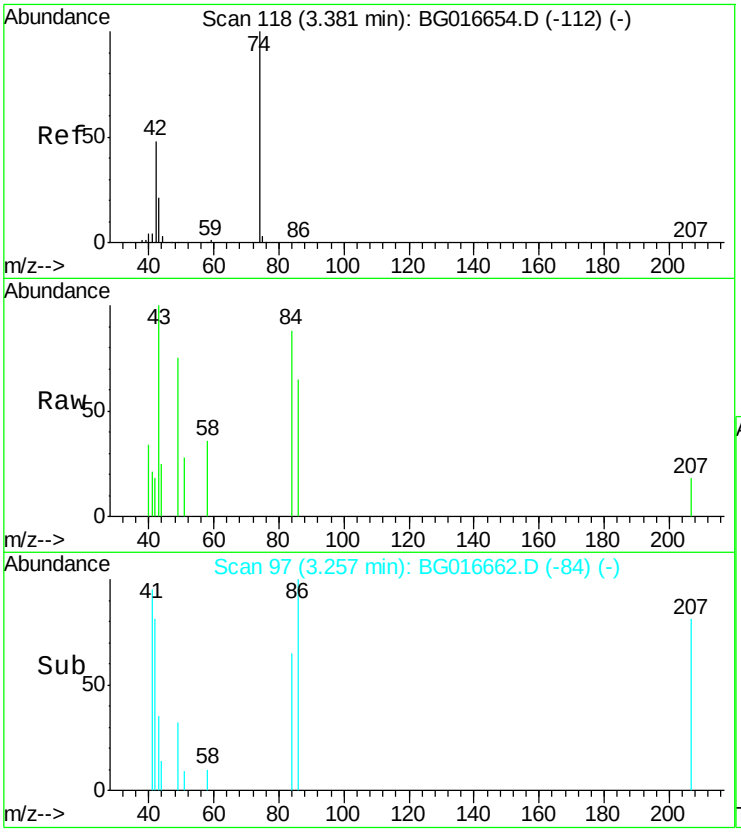


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.06 min Scan# 64
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
58	162.4	46.8	70.2#
43	0.0	15.8	23.8#



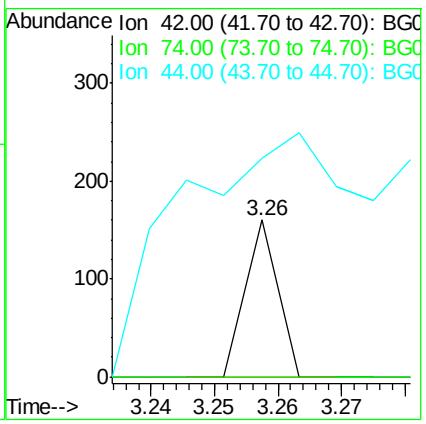


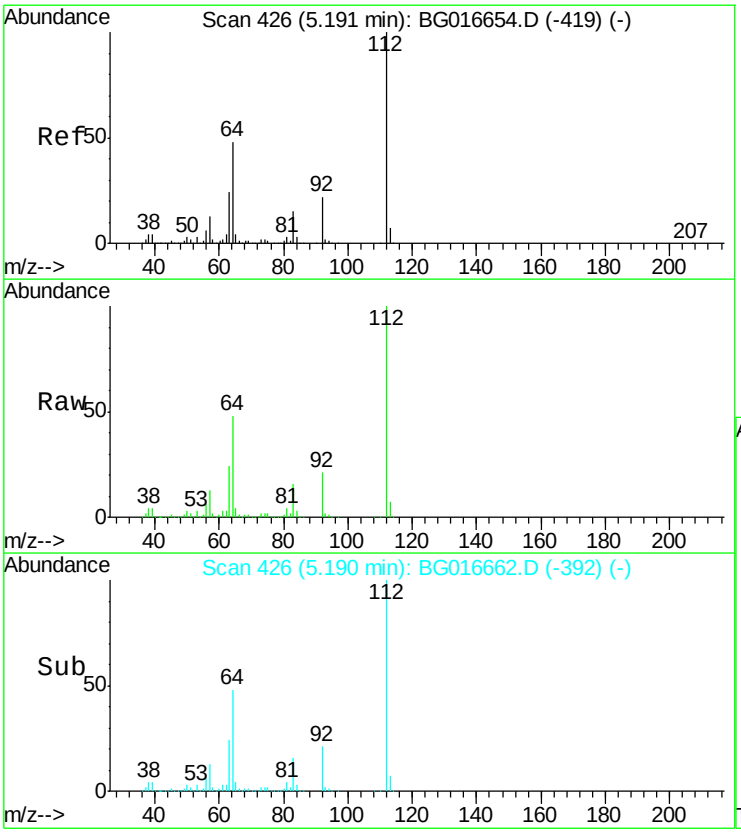
#4
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.12 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion: 42 Resp: 56

Ion	Ratio	Lower	Upper
42	100		
74	0.0	165.6	248.4#
44	140.0	5.0	7.6#

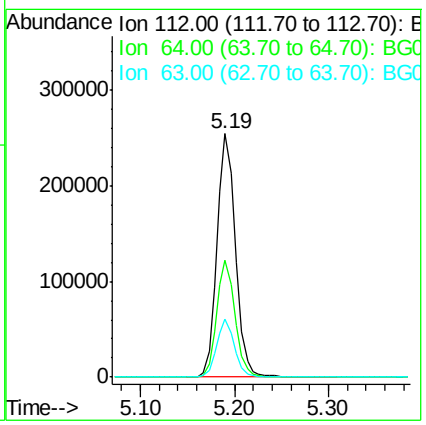


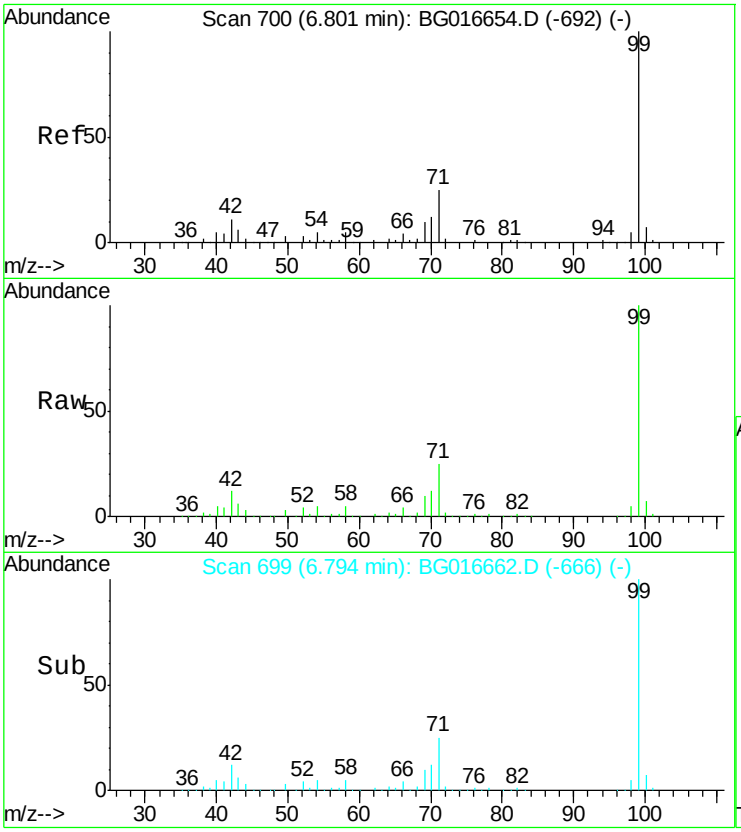


#5
2-Fluorophenol
Concen: 106.24 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:112 Resp: 350001

Ion	Ratio	Lower	Upper
112	100		
64	47.8	38.3	57.5
63	23.6	18.9	28.3



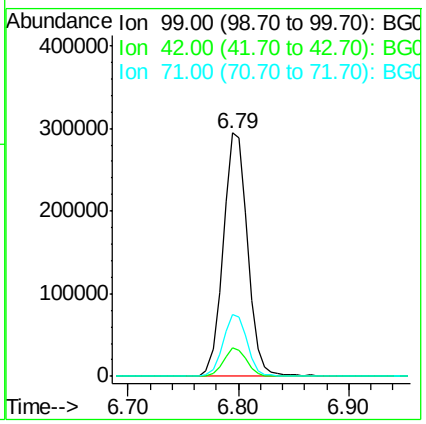


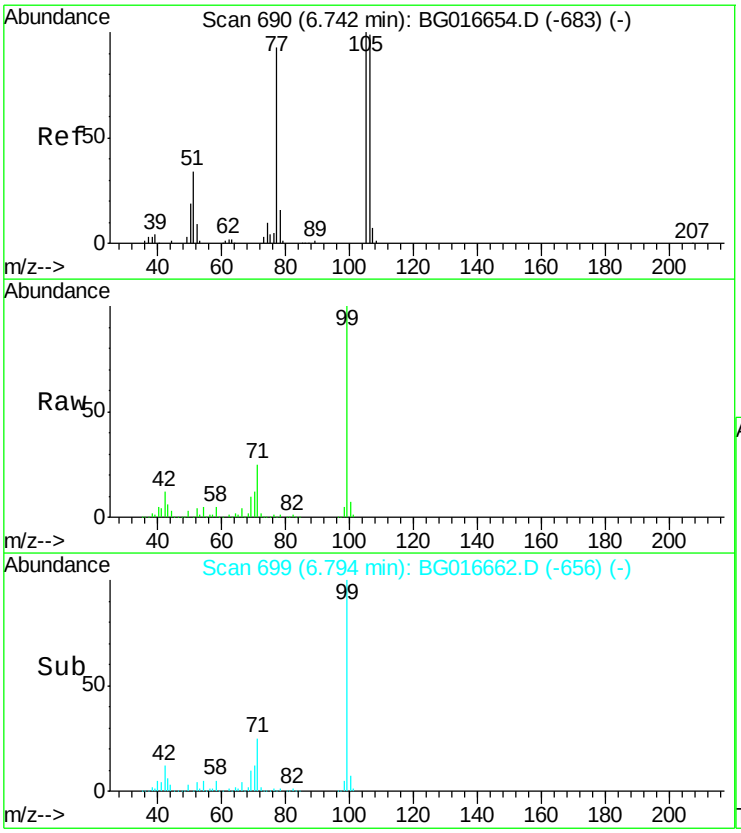
#7
Phenol-d6
Concen: 98.80 ng
RT: 6.79 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion: 99 Resp: 456618

Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.8	13.2
71	25.2	19.9	29.9

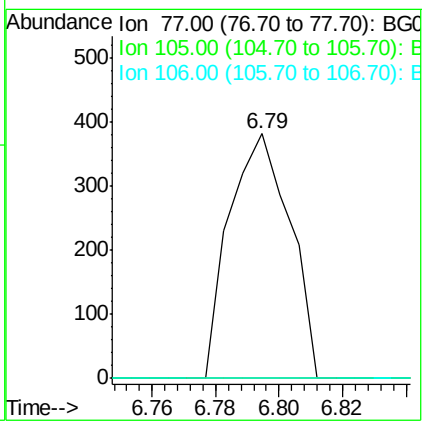


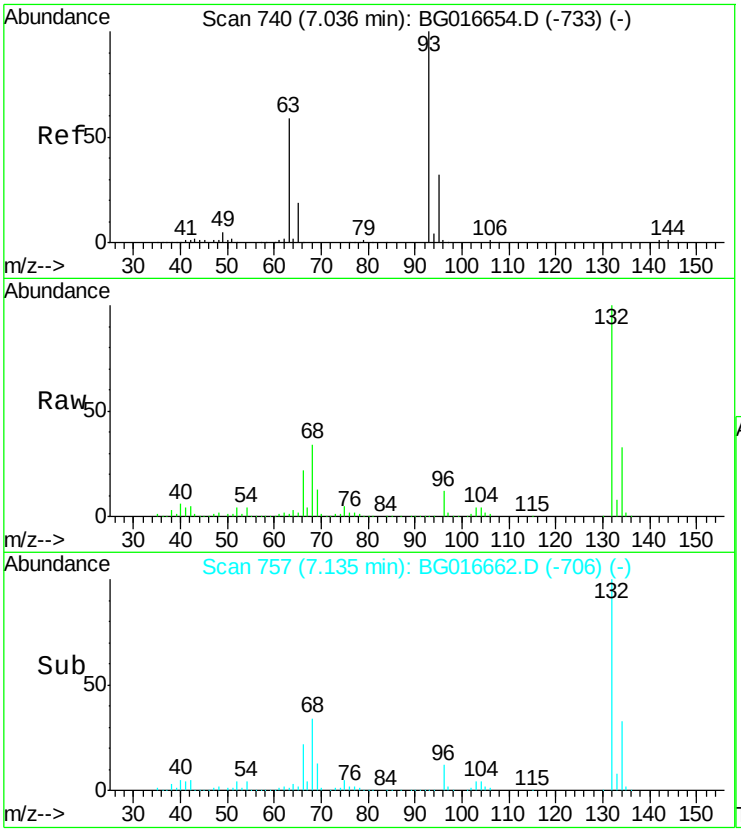


#9
Benzaldehyde
Concen: 0.27 ng
RT: 6.79 min Scan# 699
Delta R.T. 0.05 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 77 Resp: 502

Ion	Ratio	Lower	Upper
77	100		
105	0.0	88.0	128.0#
106	0.0	86.6	126.6#



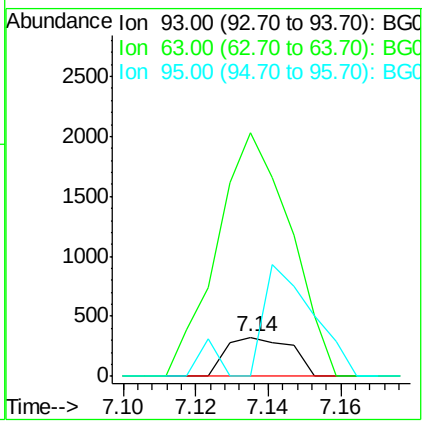


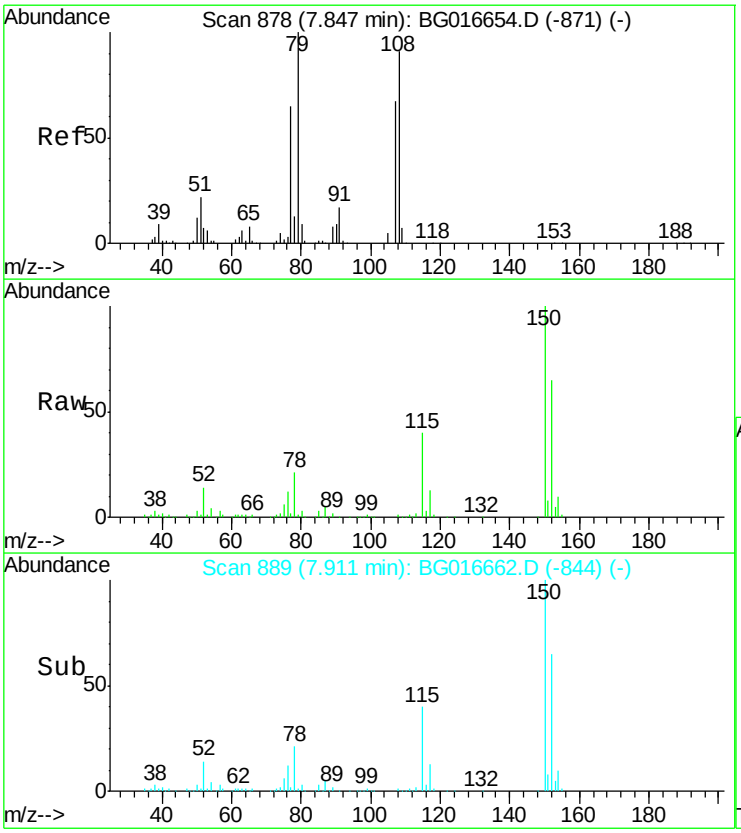
#11
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.14 min Scan# 757
Delta R.T. 0.10 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion: 93 Resp: 402

Ion	Ratio	Lower	Upper
93	100		
63	622.7	39.2	79.2#
95	0.0	11.9	51.9#

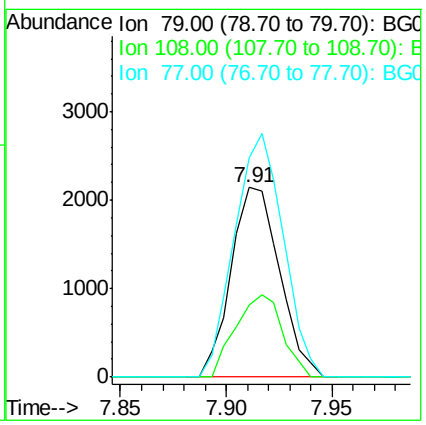


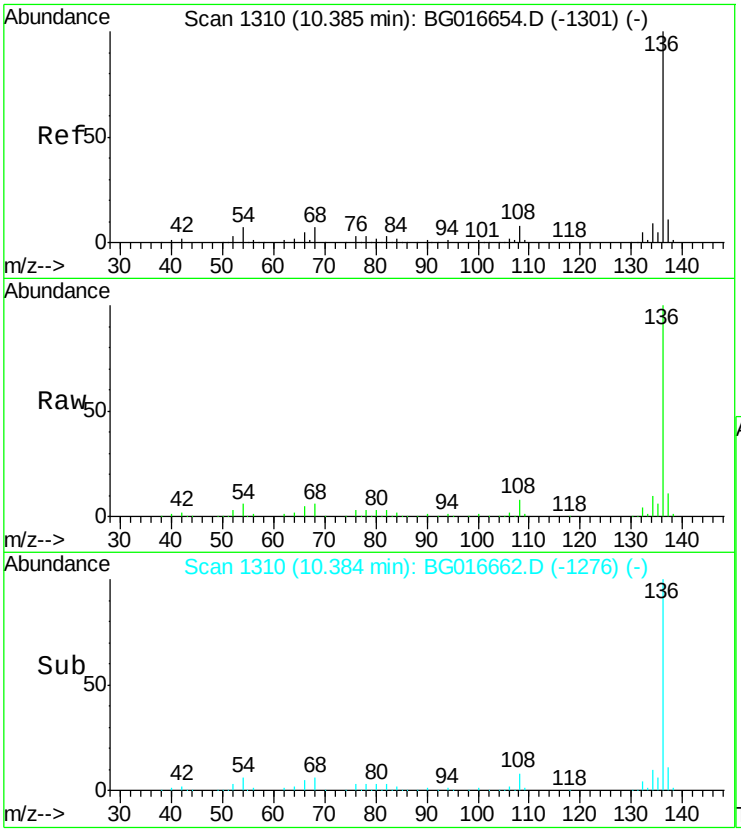


#15
Benzyl Alcohol
Concen: 1.18 ng
RT: 7.91 min Scan# 889
Delta R.T. 0.06 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 79 Resp: 3409

Ion	Ratio	Lower	Upper
79	100		
108	38.3	73.0	109.4#
77	115.6	51.8	77.8#



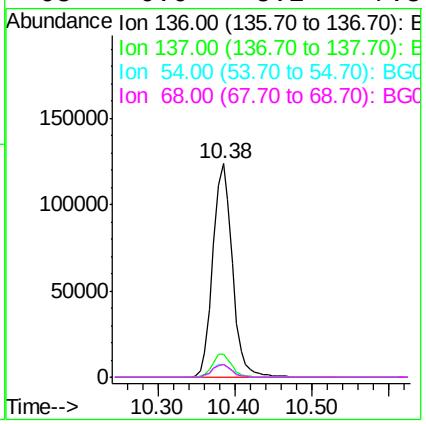


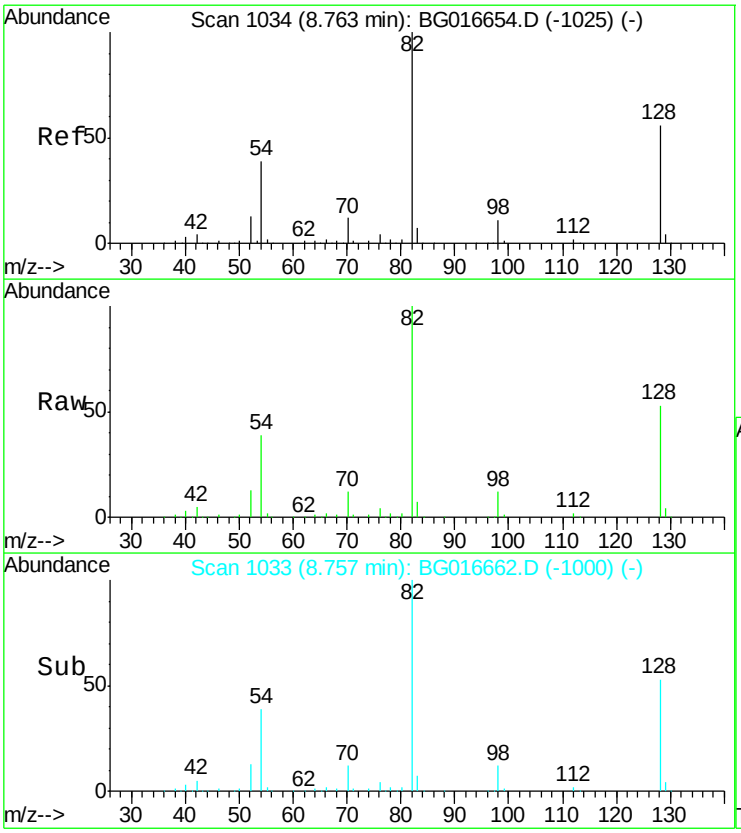
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:136 Resp: 215041

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.2	5.4	8.2
68	6.0	5.2	7.8

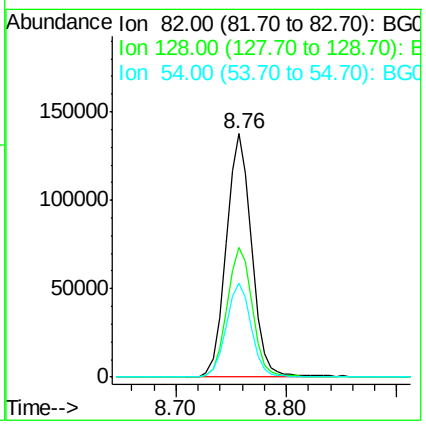


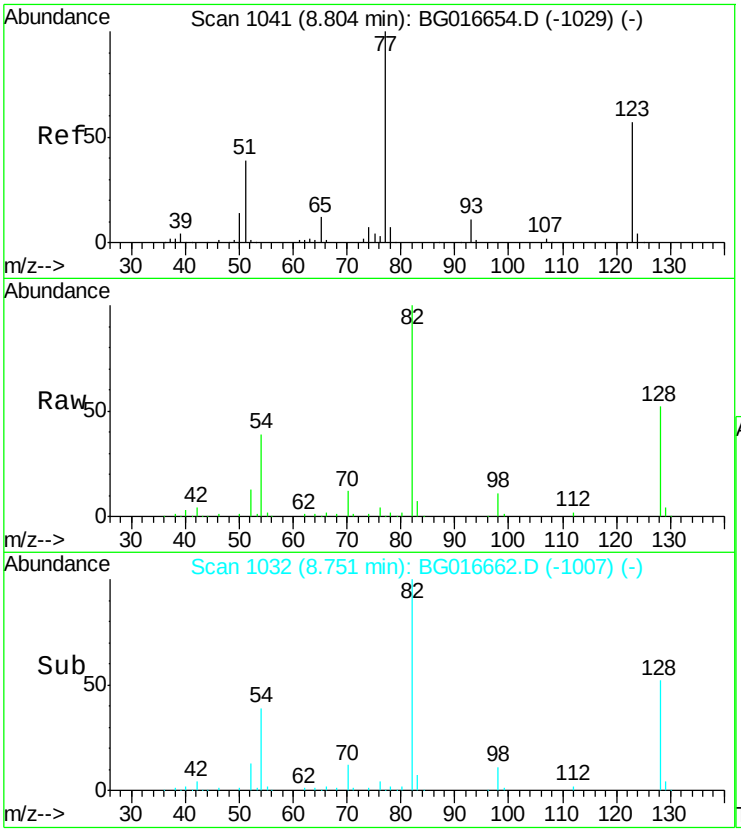


#23
Nitrobenzene-d5
Concen: 65.25 ng
RT: 8.76 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 82 Resp: 222043

Ion	Ratio	Lower	Upper
82	100		
128	53.0	44.7	67.1
54	38.6	30.9	46.3



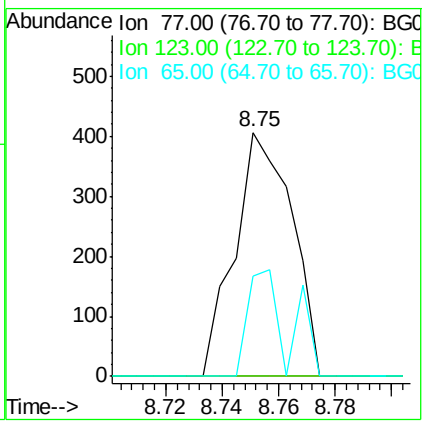


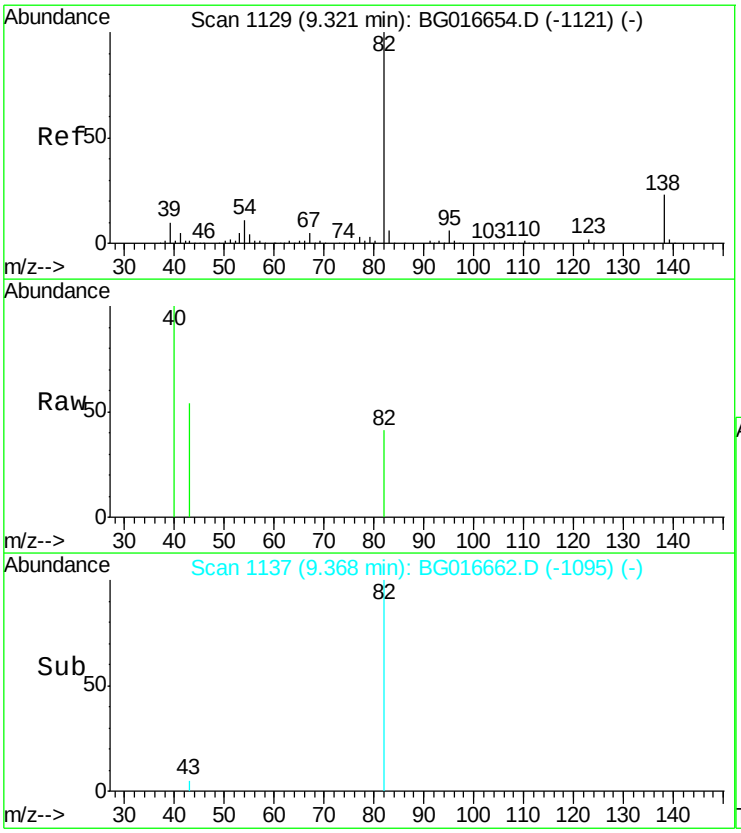
#24
Nitrobenzene
Concen: 0.16 ng
RT: 8.75 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion: 77 Resp: 572

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.6	68.4#
65	41.4	9.4	14.2#

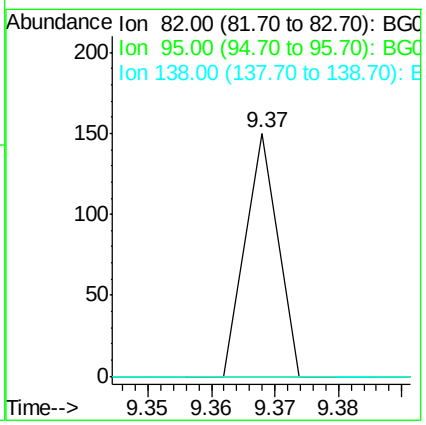


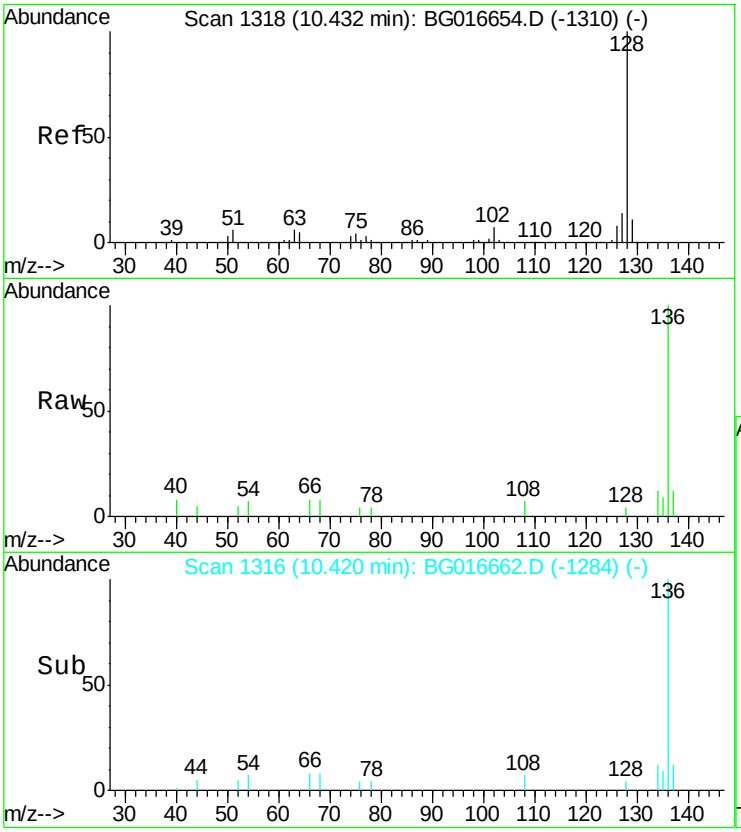


#25
Isophorone
Concen: 0.01 ng
RT: 9.37 min Scan# 1137
Delta R.T. 0.05 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 82 Resp: 53

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.6#
138	0.0	18.2	27.2#



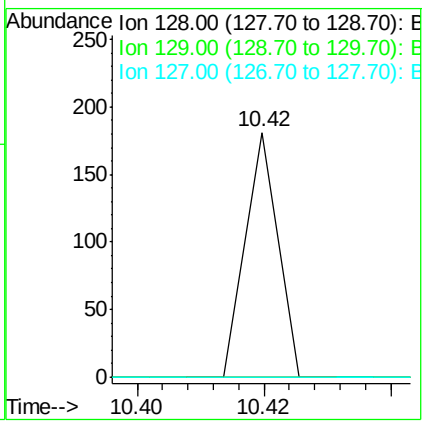


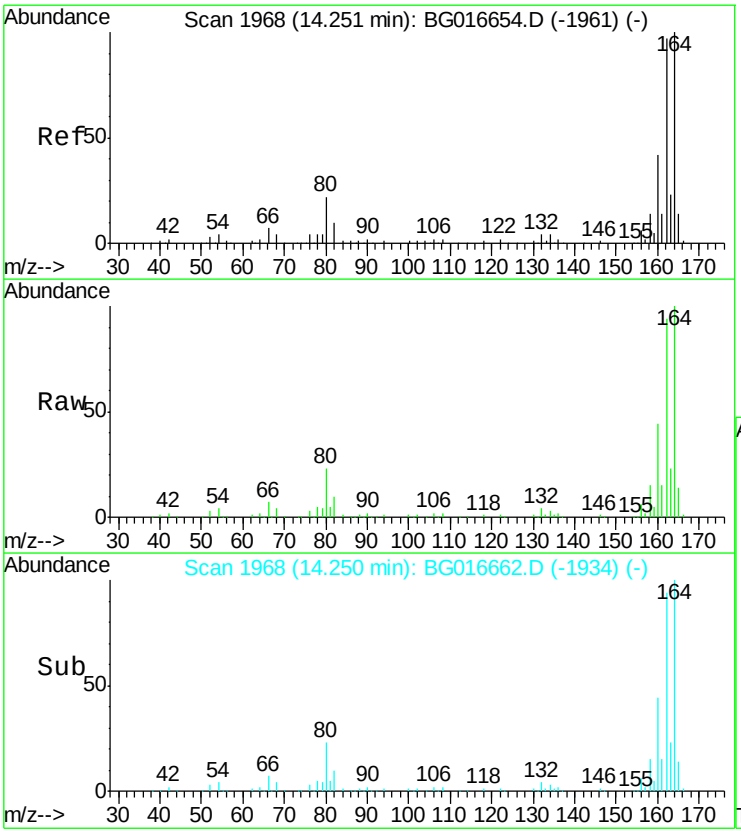
#31
Naphthalene
Concen: 0.01 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:128 Resp: 64

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.1	16.7#

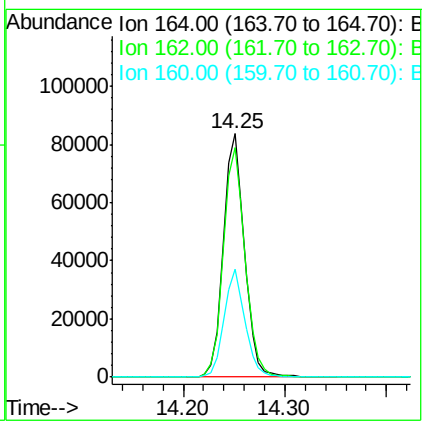


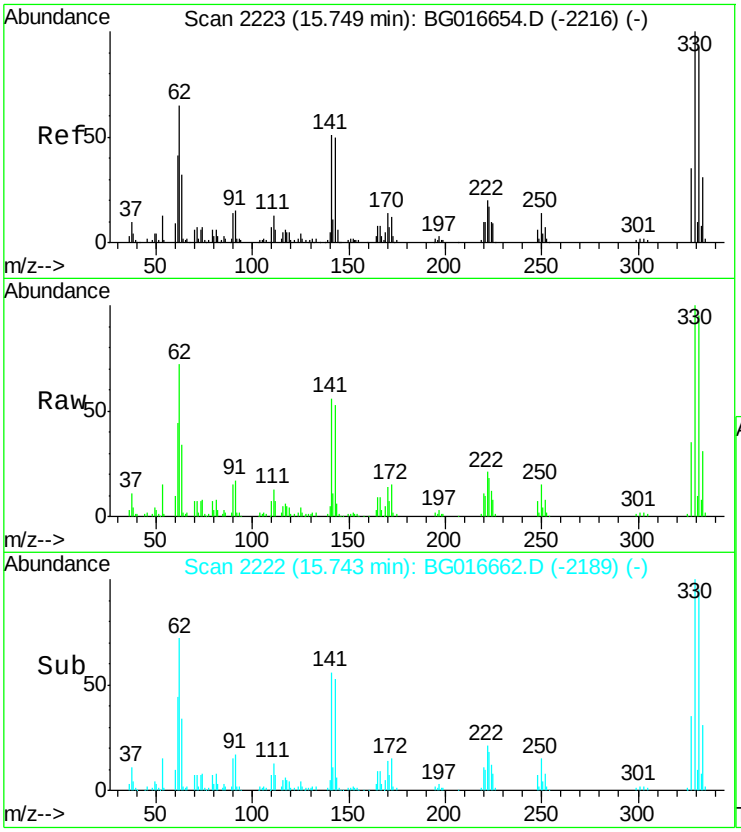


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:164 Resp: 120594

Ion	Ratio	Lower	Upper
164	100		
162	94.3	77.3	115.9
160	44.3	33.7	50.5



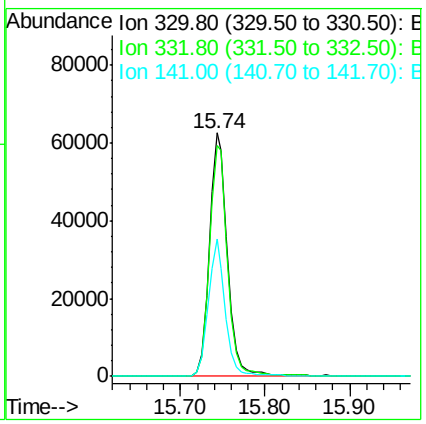


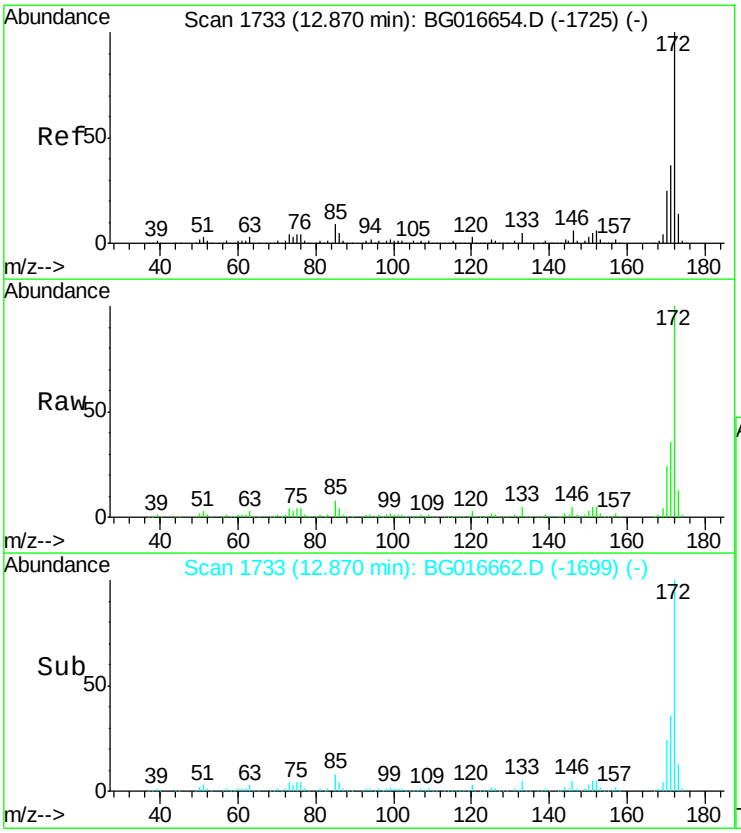
#41
2,4,6-Tribromophenol
Concen: 105.60 ng
RT: 15.74 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:330 Resp: 94474

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	52.8	43.0	64.6

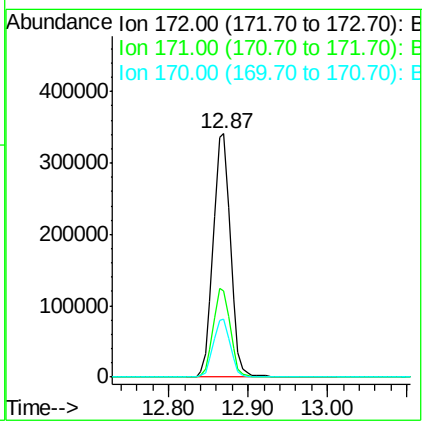


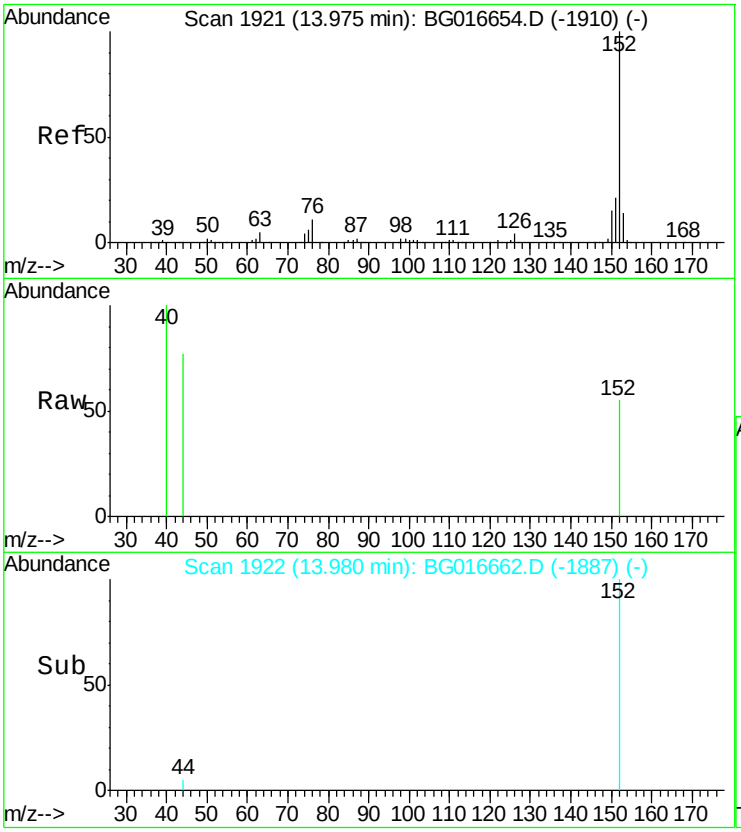


#44
2-Fluorobiphenyl
Concen: 68.64 ng
RT: 12.87 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:172 Resp: 515218

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.9	44.9
170	23.7	19.8	29.8



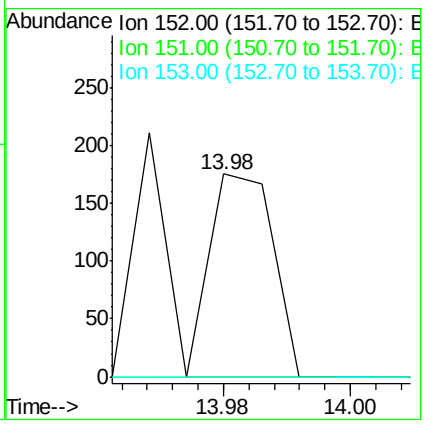


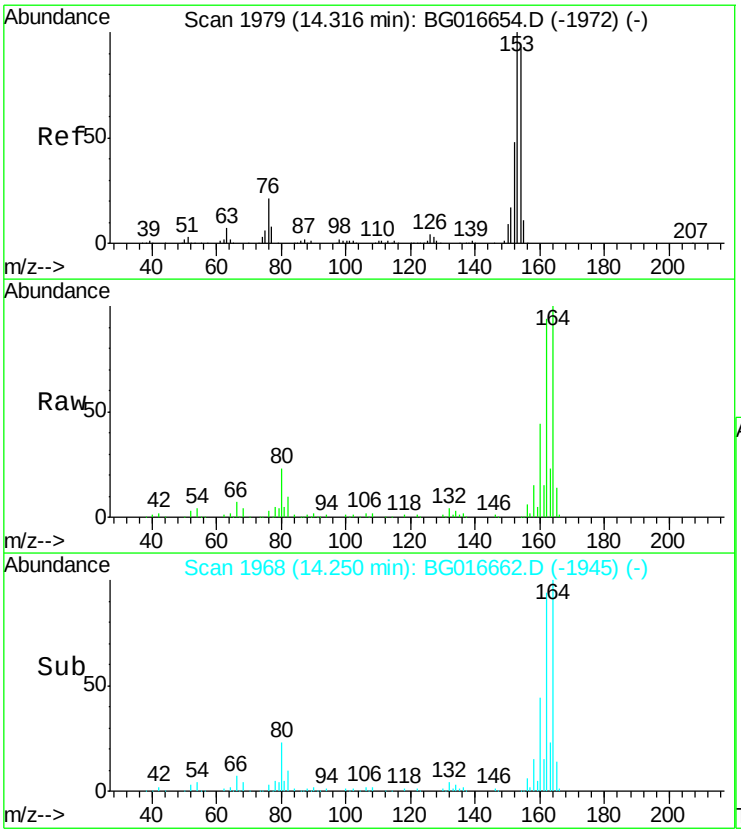
#48
Acenaphthylene
Concen: 0.01 ng
RT: 13.98 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:152 Resp: 121

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.7	25.1#
153	0.0	11.0	16.6#

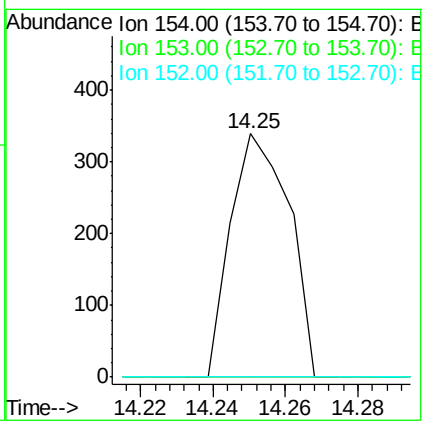


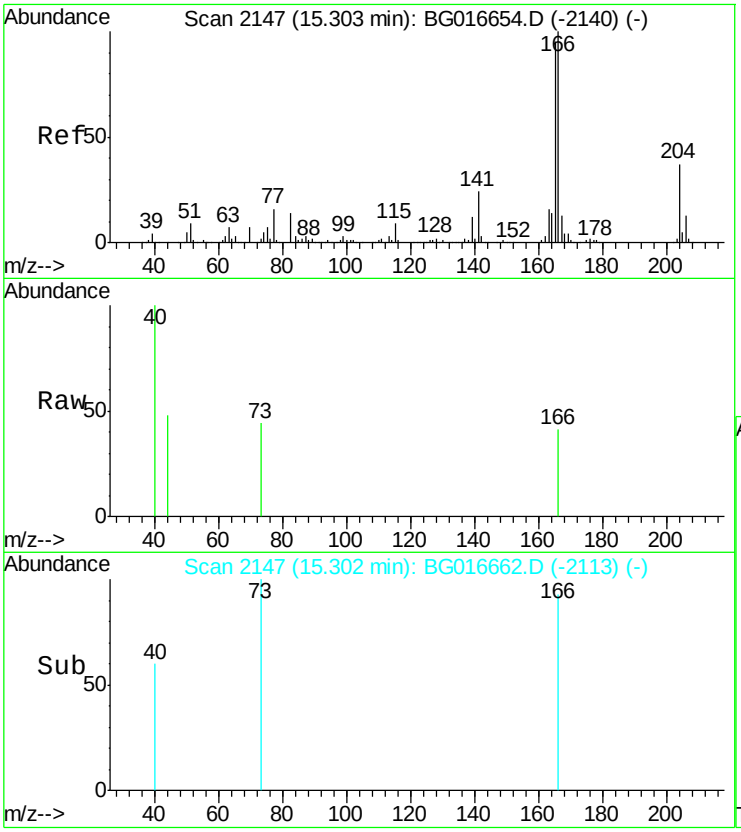


#51
Acenaphthene
Concen: 0.05 ng
RT: 14.25 min Scan# 1968
Delta R.T. -0.07 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:154 Resp: 379

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.0	130.6#
152	0.0	41.6	62.4#



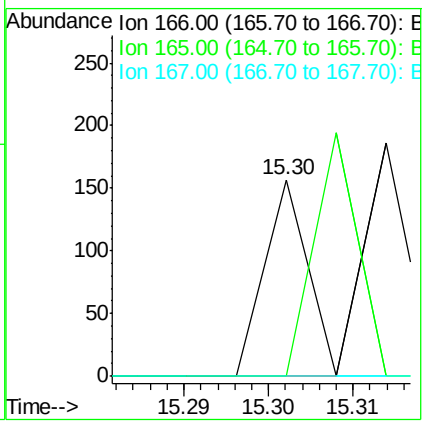


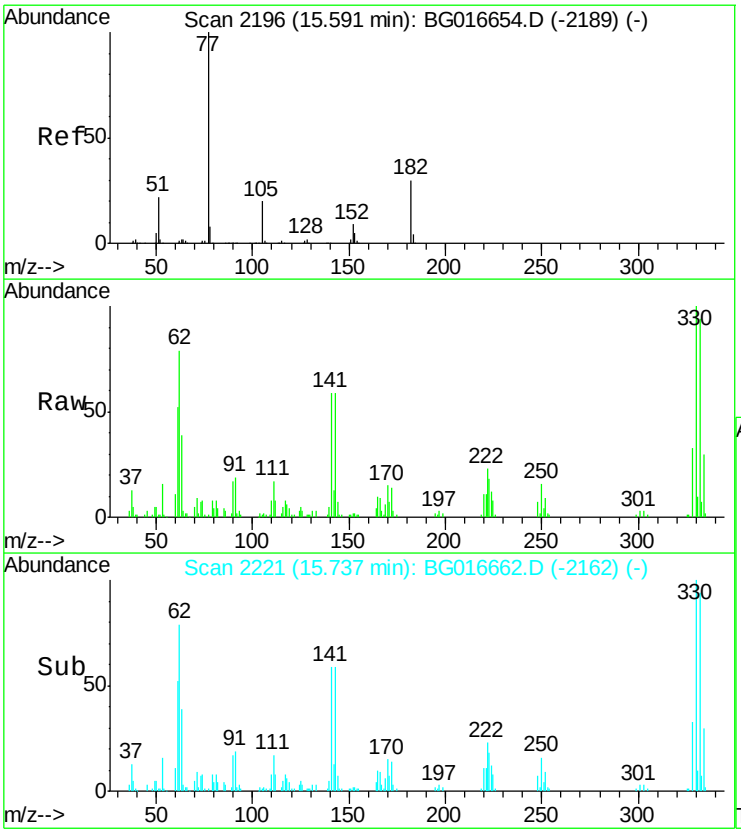
#57
Fluorene
Concen: 0.01 ng
RT: 15.30 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:166 Resp: 55

Ion	Ratio	Lower	Upper
166	100		
165	0.0	75.6	113.4#
167	0.0	10.7	16.1#

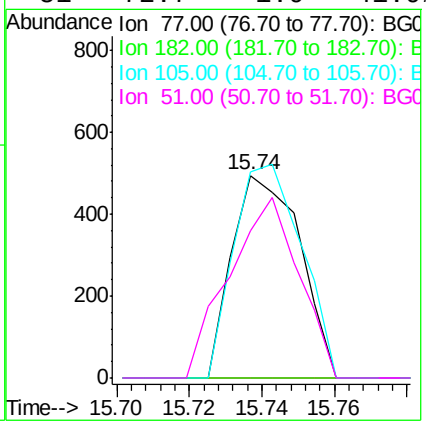


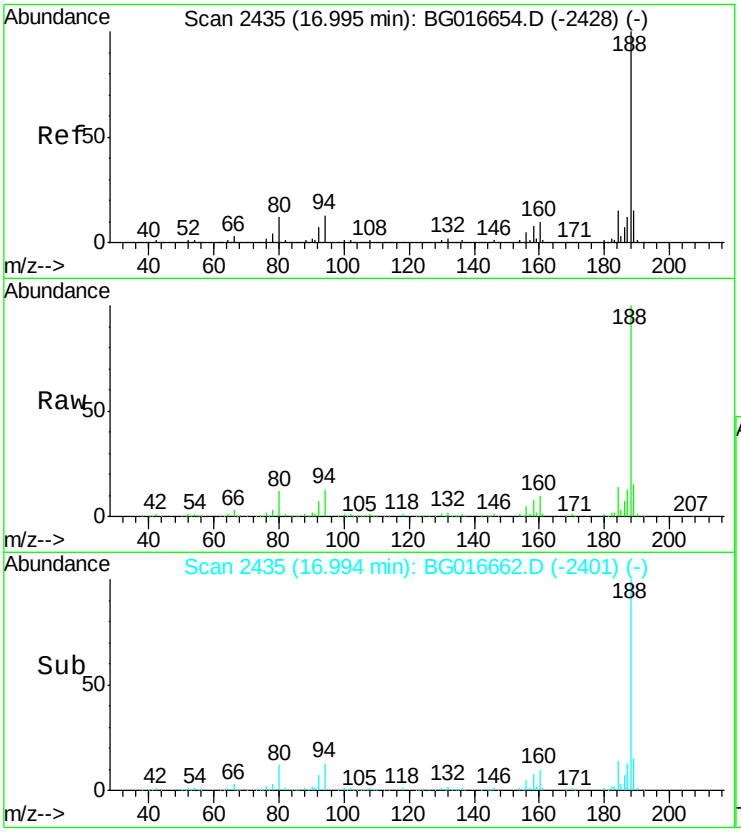


#62
Azobenzene
Concen: 0.07 ng
RT: 15.74 min Scan# 2221
Delta R.T. 0.15 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion: 77 Resp: 643

Ion	Ratio	Lower	Upper
77	100		
182	0.0	9.8	49.8#
105	102.0	0.0	39.5#
51	72.7	1.9	41.9#



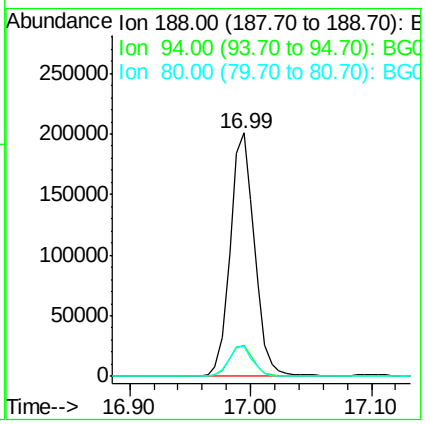


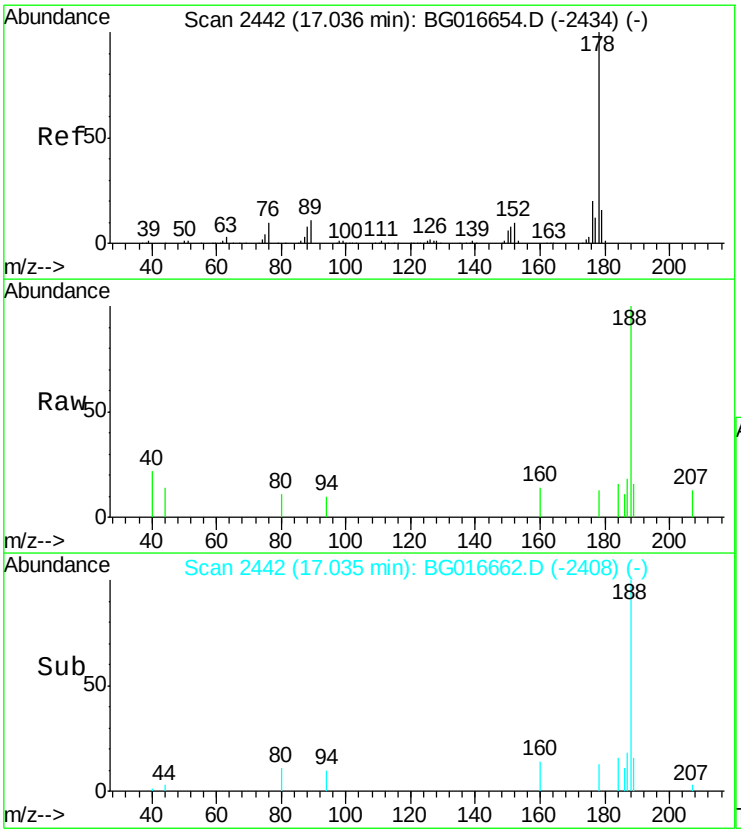
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:188 Resp: 281375

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.7	16.1
80	12.1	9.9	14.9

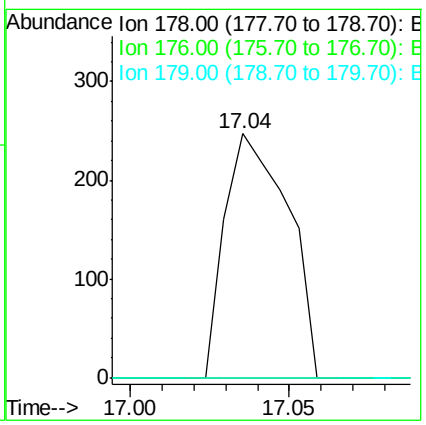


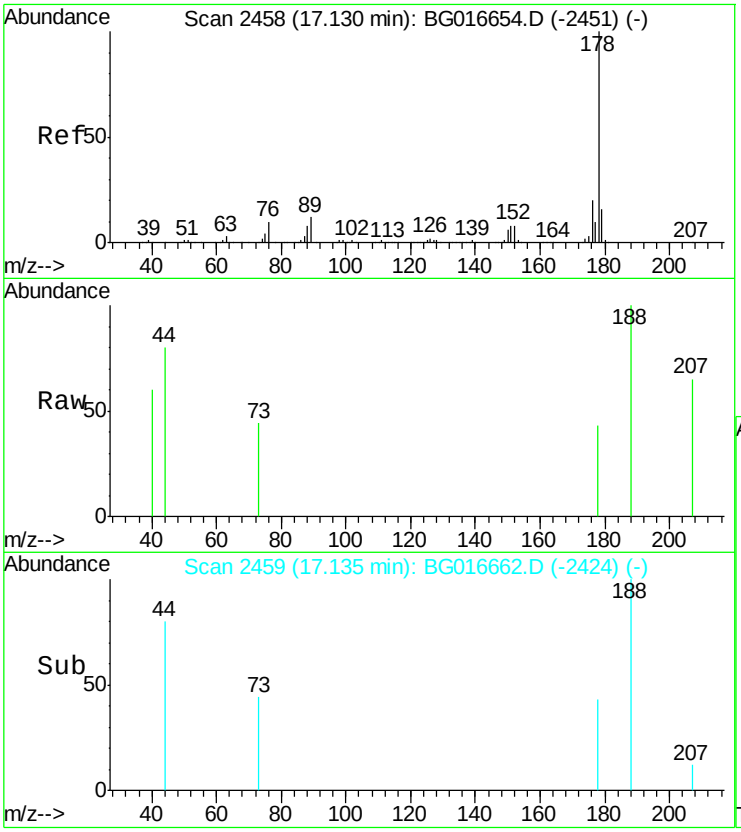


#70
Phenanthrene
Concen: 0.02 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:178 Resp: 340

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.6#
179	0.0	12.8	19.2#



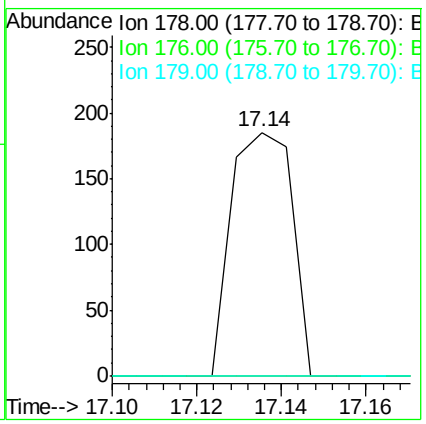


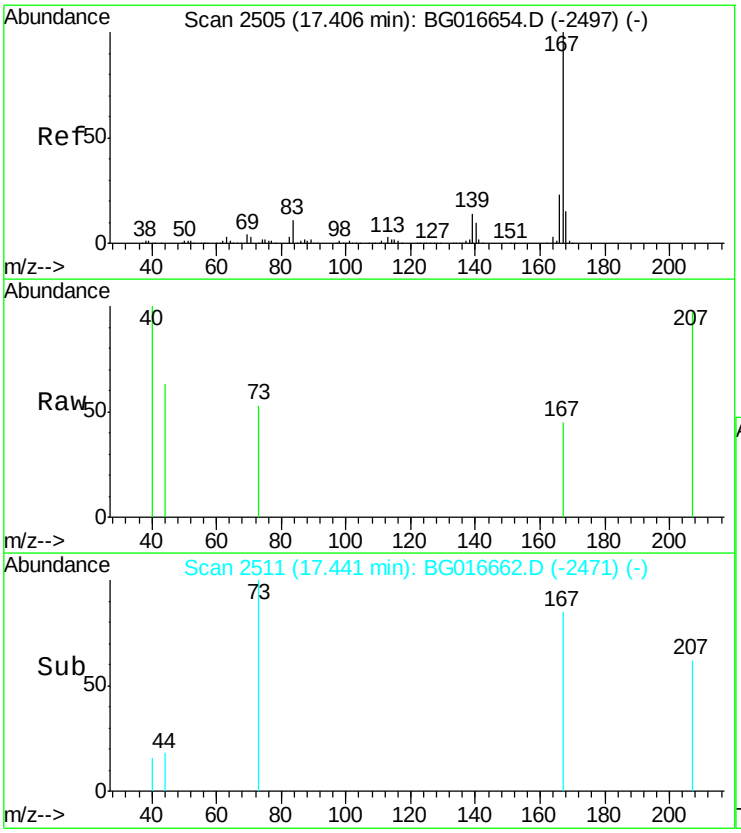
#71
Anthracene
Concen: 0.01 ng
RT: 17.14 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:178 Resp: 185

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.0	24.0#
179	0.0	12.9	19.3#

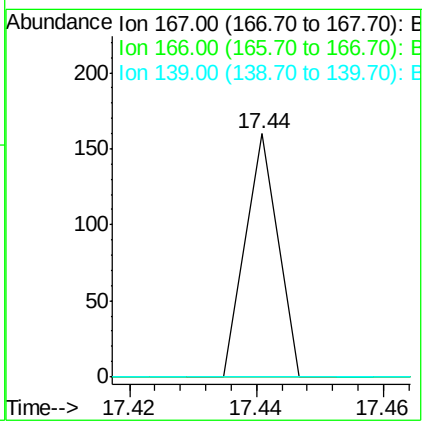


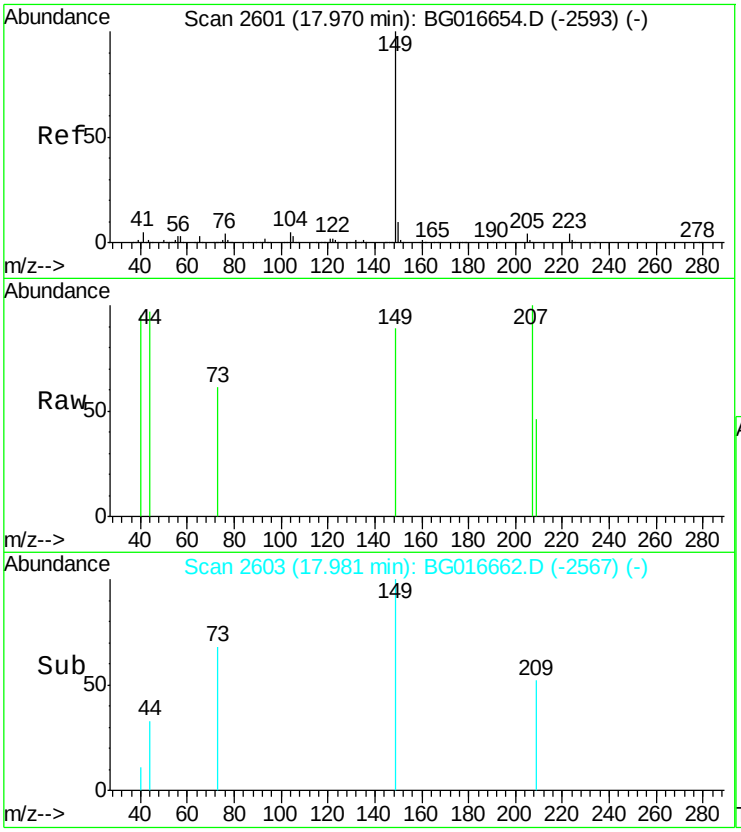


#72
Carbazole
Concen: 0.00 ng
RT: 17.44 min Scan# 2511
Delta R.T. 0.03 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:167 Resp: 56

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.4	27.6#
139	0.0	11.1	16.7#



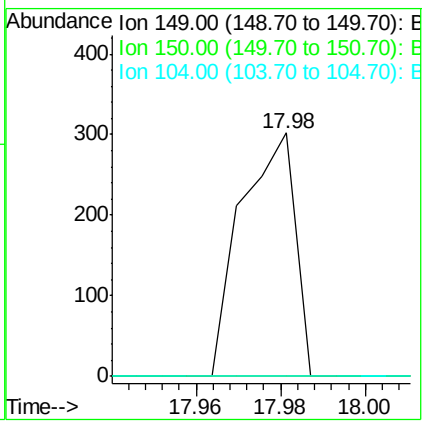


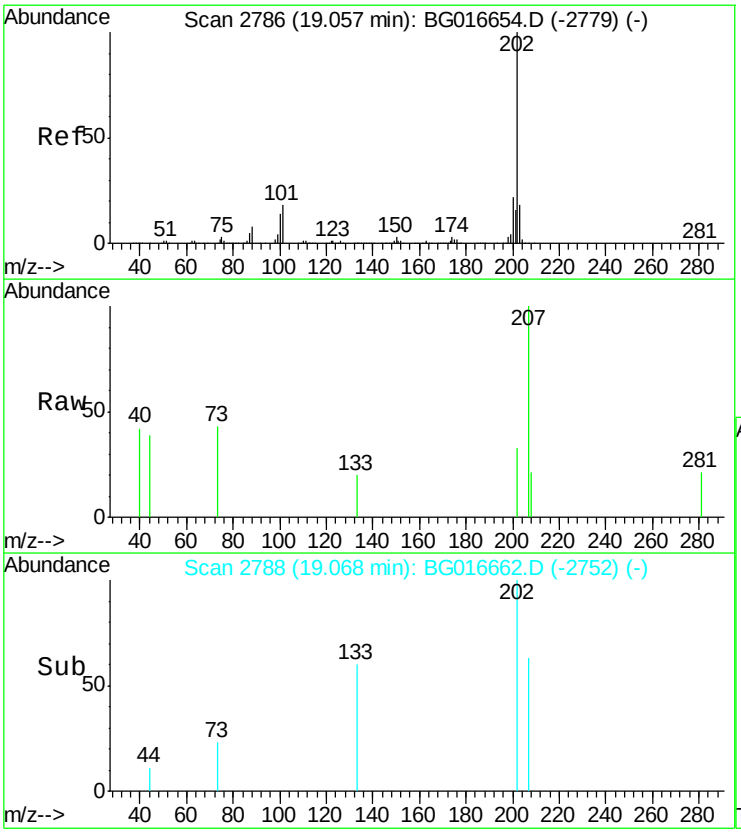
#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 17.98 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:149 Resp: 269

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.6	5.4#

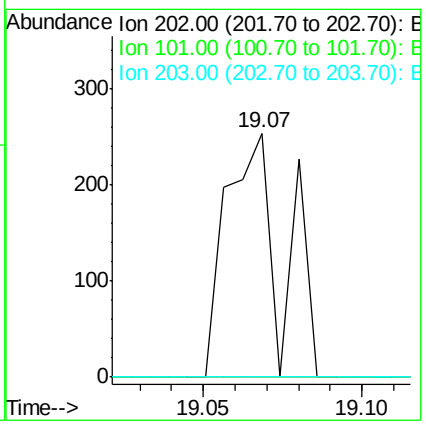


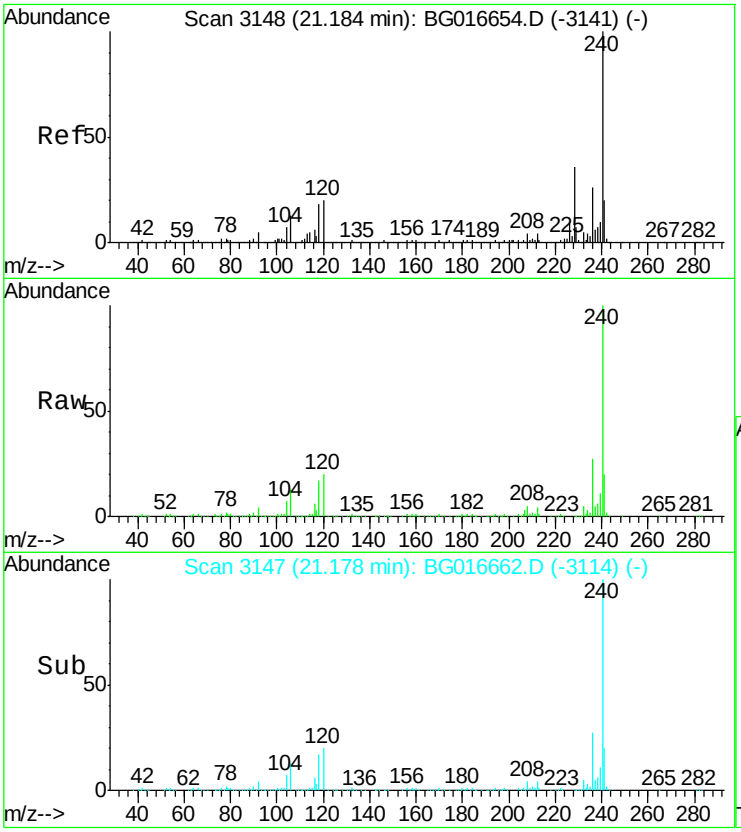


#74
Fluoranthene
Concen: 0.02 ng
RT: 19.07 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:202 Resp: 311

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	38.1
203	0.0	0.0	38.4



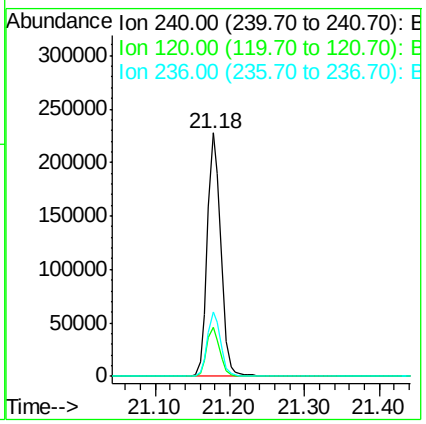


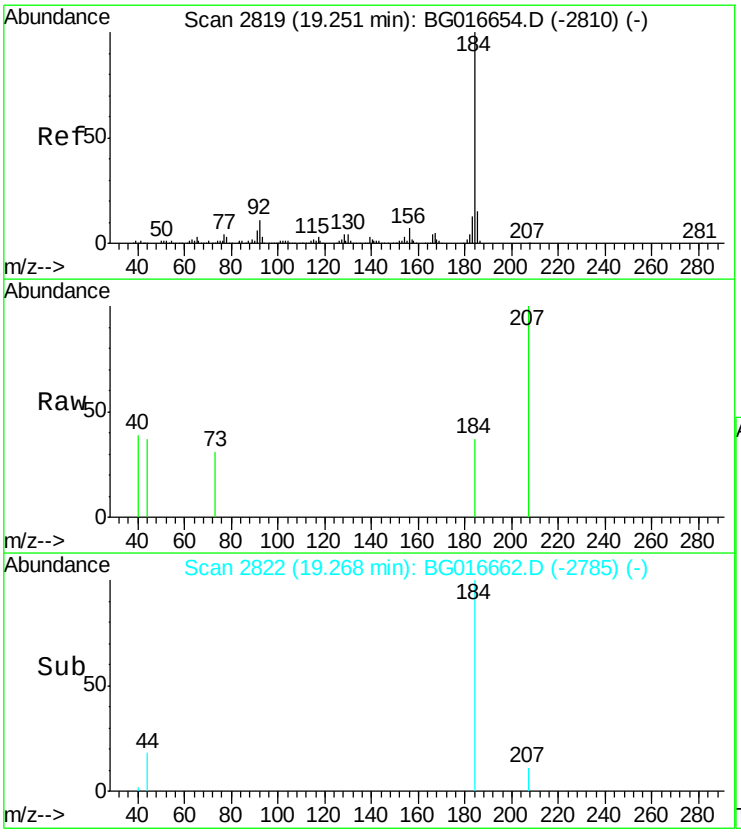
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:240 Resp: 284770

Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.3	24.5
236	26.6	21.1	31.7

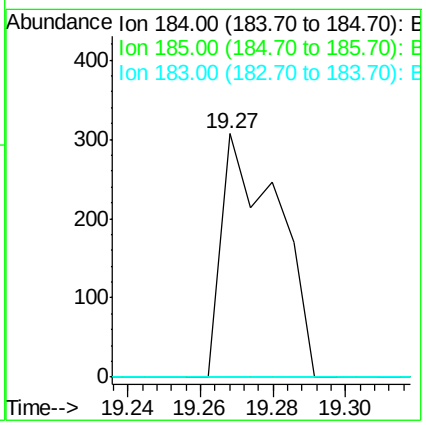


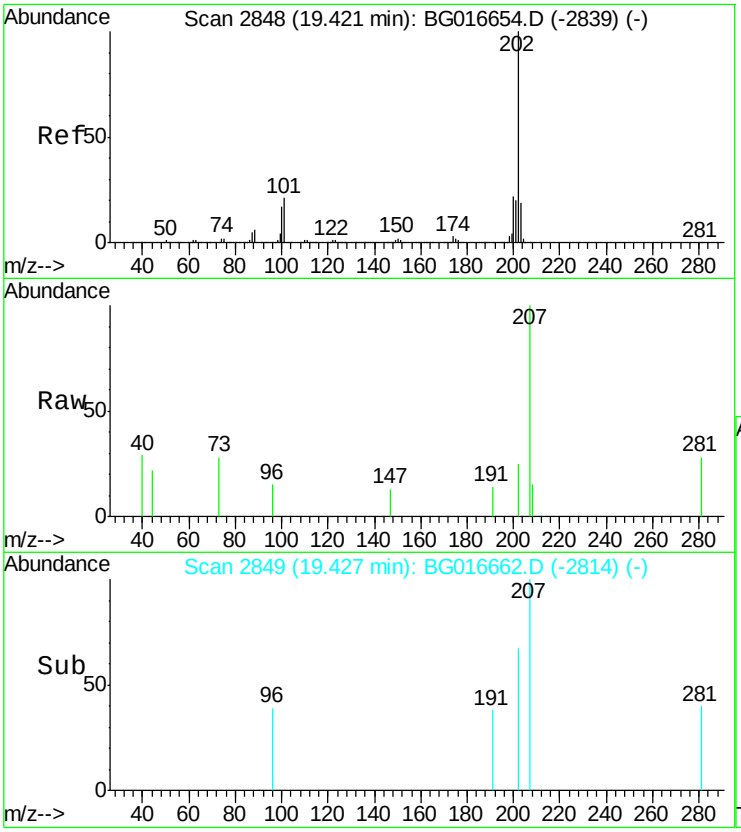


#76
Benzidine
Concen: 0.03 ng
RT: 19.27 min Scan# 2822
Delta R.T. 0.02 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:184 Resp: 330

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.3	18.5#
183	0.0	10.1	15.1#



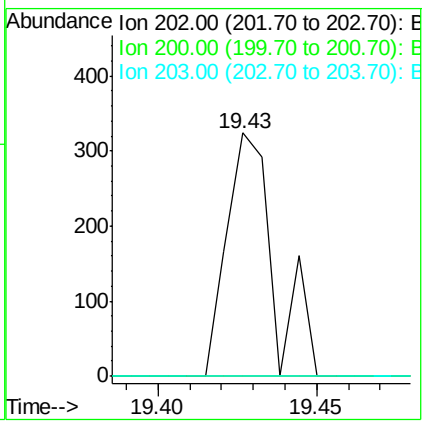


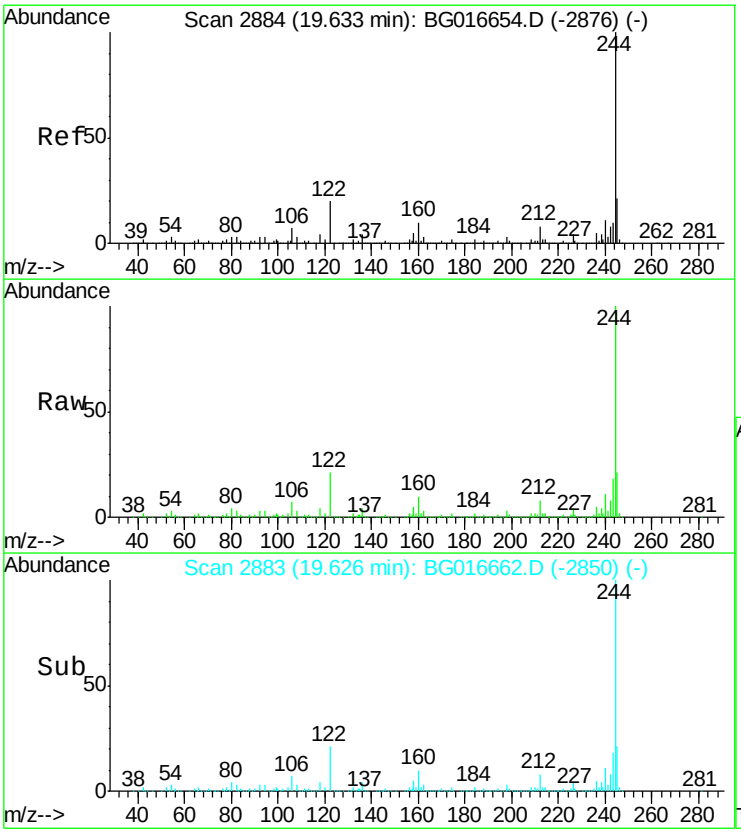
#77
Pyrene
Concen: 0.02 ng
RT: 19.43 min Scan# 2849
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:202 Resp: 332

Ion	Ratio	Lower	Upper
202	100		
200	0.0	18.0	27.0#
203	0.0	14.9	22.3#

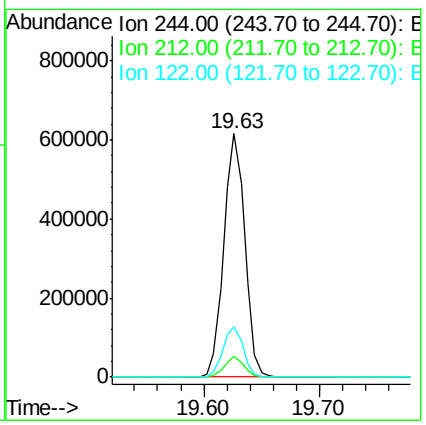


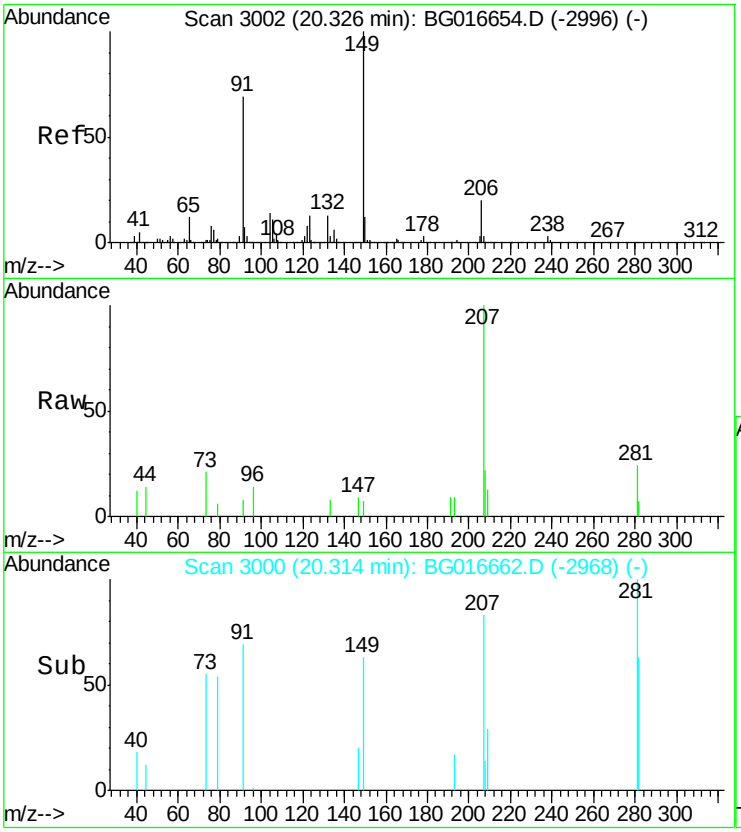


#78
Terphenyl-d14
Concen: 62.74 ng
RT: 19.63 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:244 Resp: 775652

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	20.9	15.9	23.9



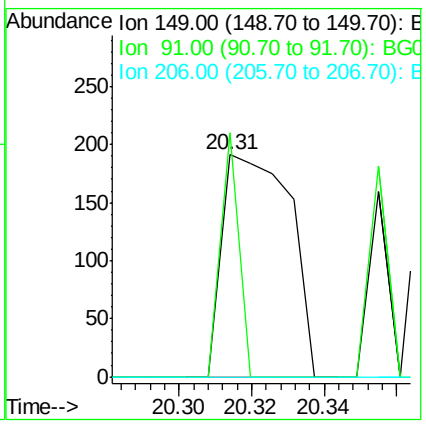


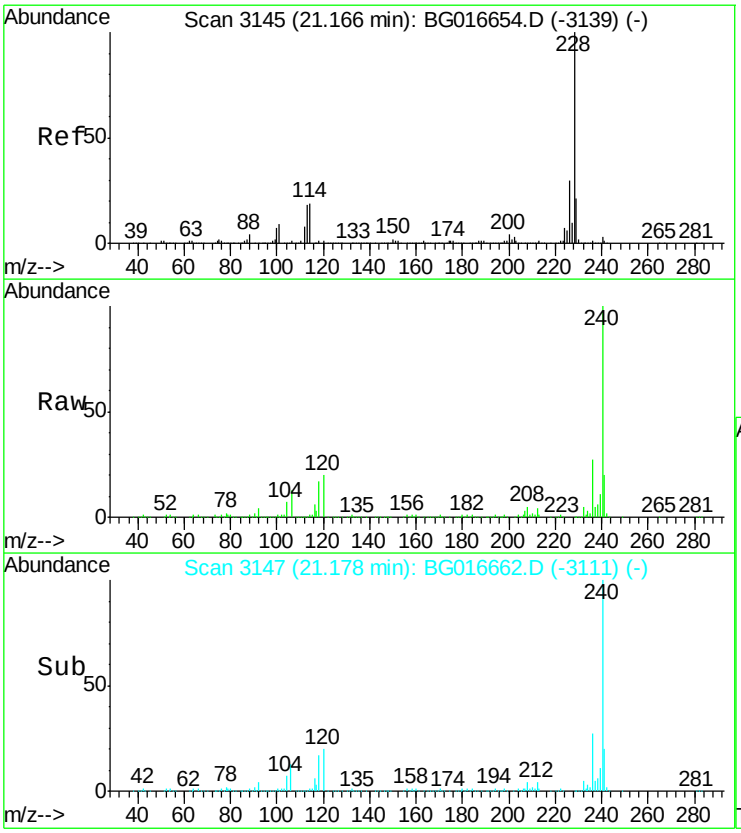
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 20.31 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:149 Resp: 248

Ion	Ratio	Lower	Upper
149	100		
91	109.9	55.4	83.0#
206	0.0	16.4	24.6#

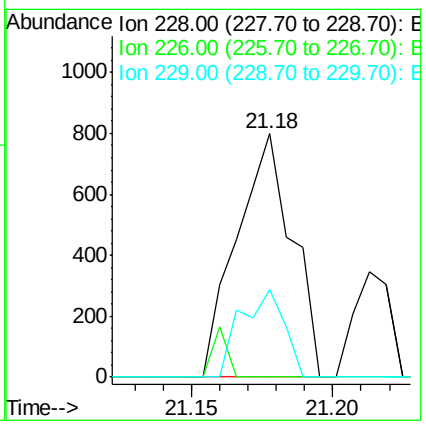


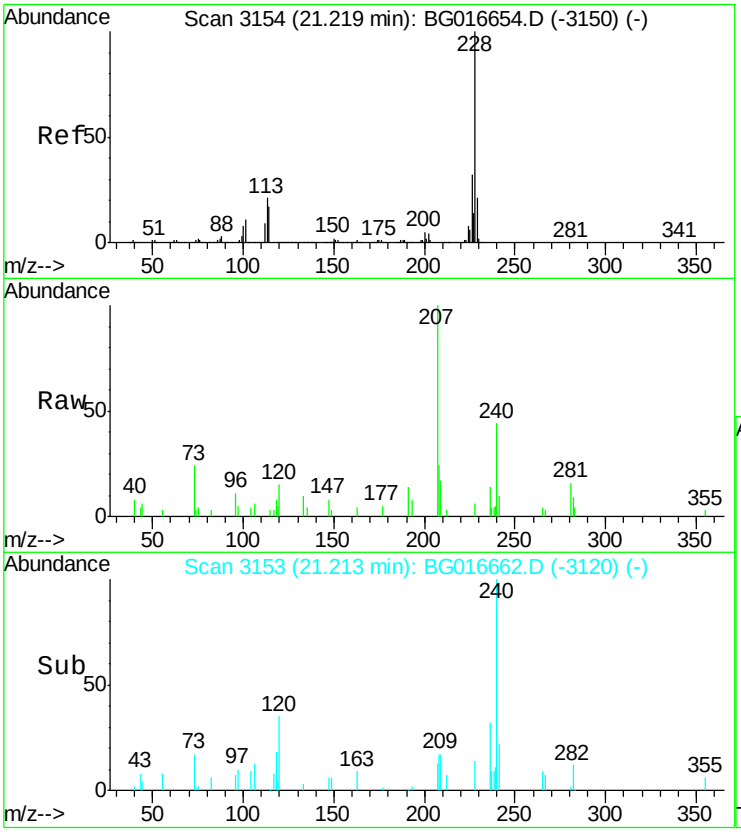


#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 21.18 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:228 Resp: 1078

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.8	35.6#
229	35.7	17.0	25.4#



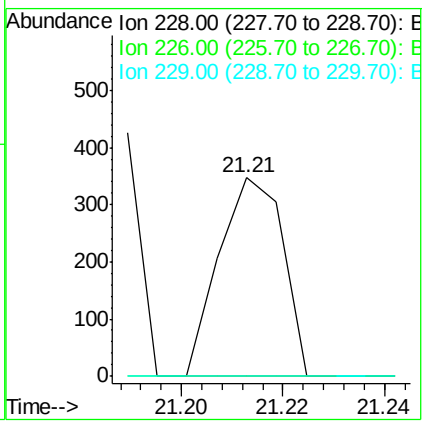


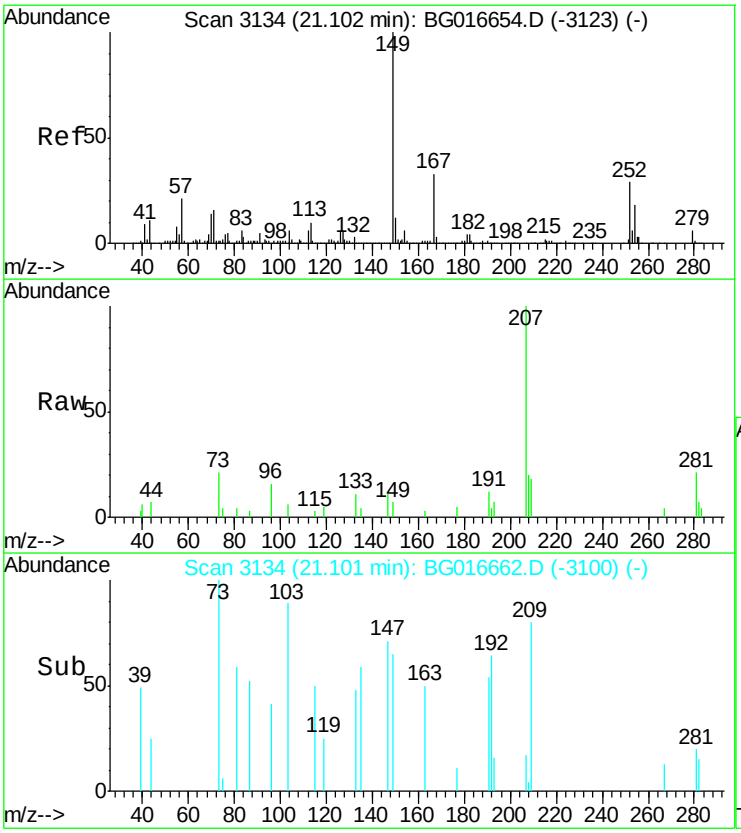
#82
Chrysene
Concen: 0.02 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:228 Resp: 302

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	16.5	24.7#

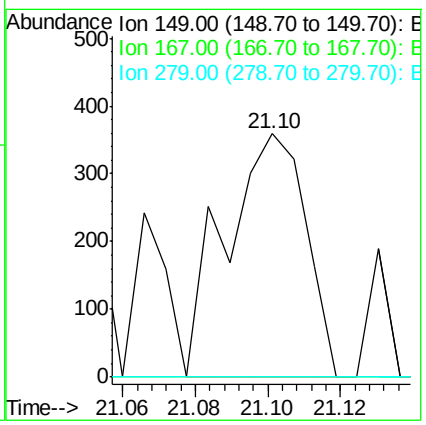


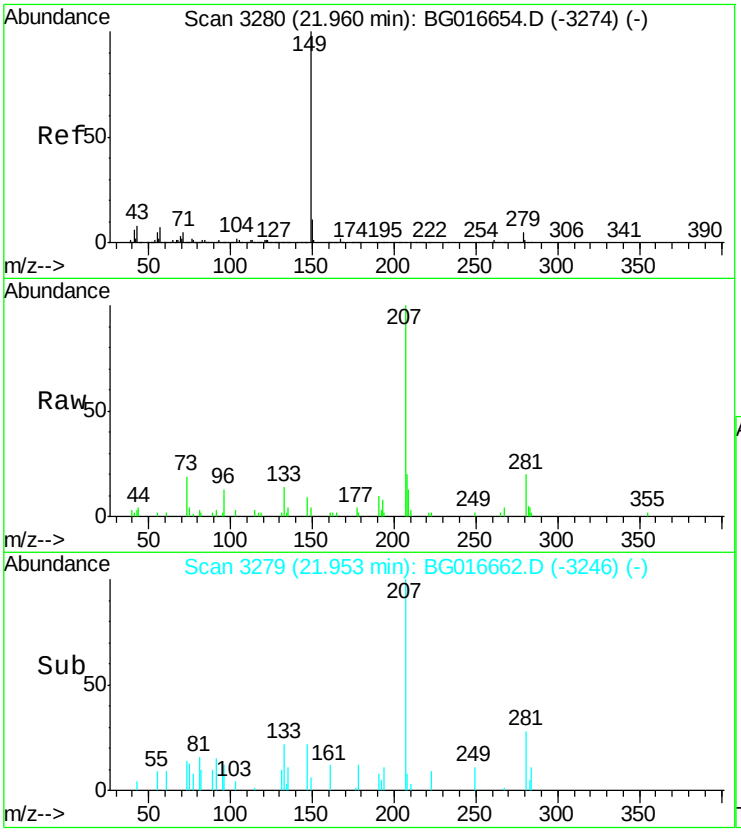


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.10 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:149 Resp: 551

Ion	Ratio	Lower	Upper
149	100		
167	0.0	26.6	39.8#
279	0.0	5.1	7.7#



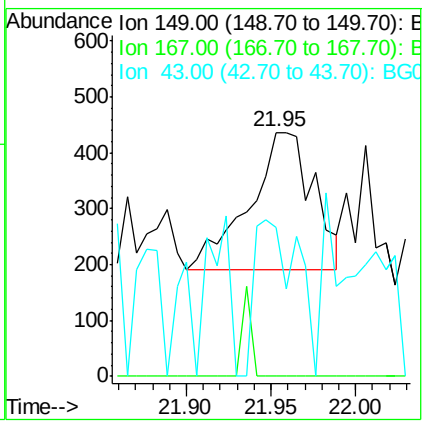


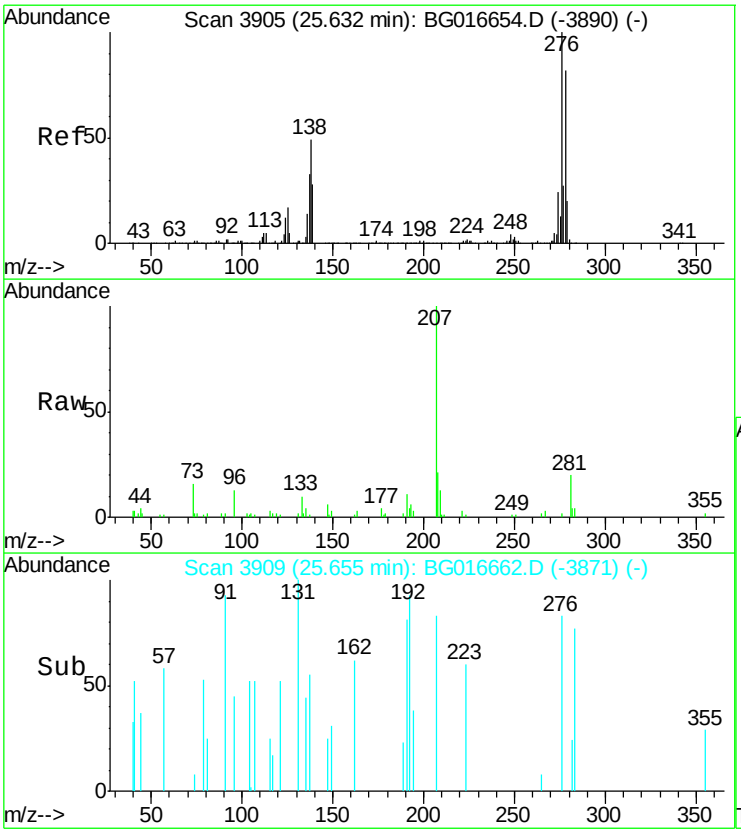
#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 21.95 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:149 Resp: 652

Ion	Ratio	Lower	Upper
149	100		
167	8.7	1.4	2.0#
43	76.8	5.7	8.5#

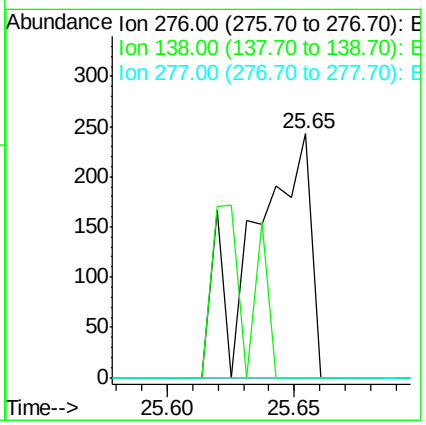


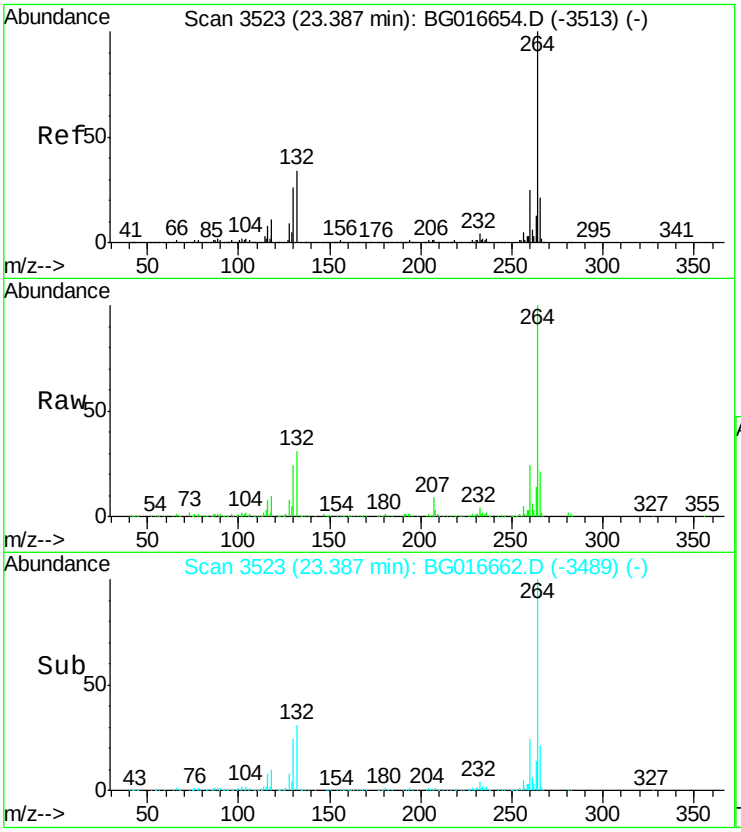


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.65 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:276 Resp: 384

Ion	Ratio	Lower	Upper
276	100		
138	0.0	38.2	57.2#
277	0.0	21.4	32.2#



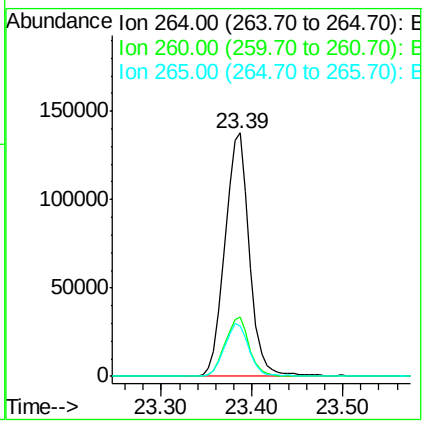


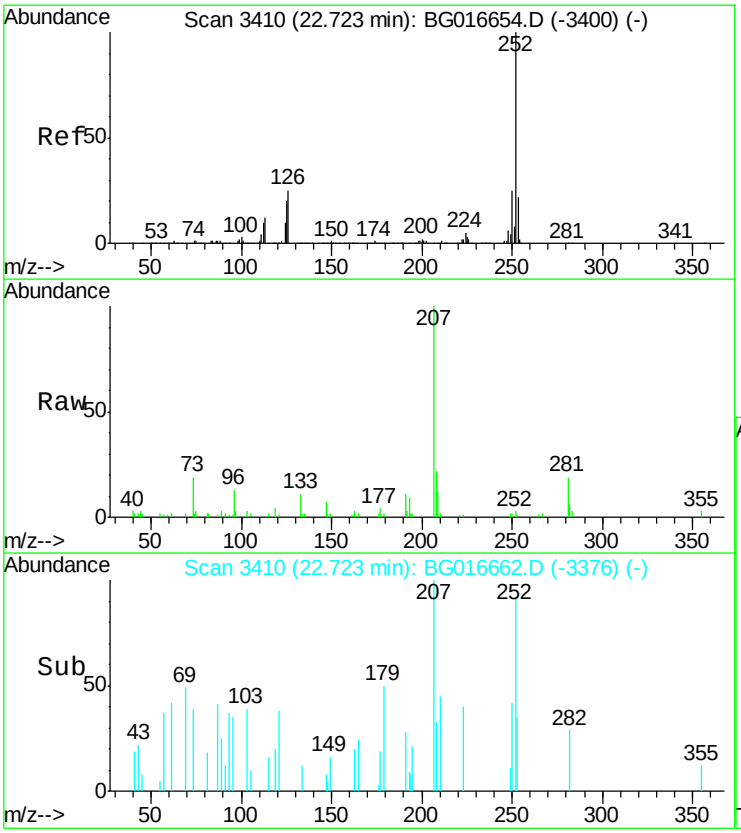
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.39 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Instrument :
BNA_F
ClientSampleId :
PB82956BL

Tgt Ion:264 Resp: 258478

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.0	30.0
265	20.8	16.8	25.2





#87
Benzo(b)fluoranthene
Concen: 0.04 ng
RT: 22.72 min Scan# 3410
Delta R.T. -0.00 min
Lab File: BG016662.D
Acq: 23 Apr 2015 20:53

Tgt Ion:252 Resp: 698

Ion	Ratio	Lower	Upper
252	100		
253	38.5	17.9	26.9#
125	0.0	15.8	23.8#